

In the Claims

1. (Original) A moisture-permeable, waterproof material comprising a moisture-permeable, water-resistant layer, a fibrous structural material, and a water-swellaable adhesive layer interposed between the former two to adhere them together; wherein the surfaces of the single fibers that constitute said fibrous structural material are coated with a pre-treating agent containing a polyhydric compound as main component, and said moisture-permeable, water-resistant layer and said fibrous structural material are adhered together via said pre-treating agent.
2. (Original) A moisture-permeable, waterproof material according to claim 1, wherein said pre-treating agent is a resin containing a phenol resin derivative as main component.
3. (Original) A moisture-permeable, waterproof material according to claim 1 or 2, wherein said water-swellaable adhesive layer comprises a mixture of a water-swellaable polyurethane and a polyhydric alcohol derivative, and is crosslinked with a polyisocyanate.
4. (Original) A moisture-permeable, waterproof material according to claim 3, wherein the ratio of the number of ethylene glycol units constituting the polyethylene glycol in the polyol to the number of isocyanate units constituting said moisture-permeable, waterproof polyurethane, is not less than 20 and less than 30.
5. (Currently Amended) A moisture-permeable, waterproof material according to claim 3 [or 4], wherein said polyhydric alcohol derivative is a glycerol derivative.
6. (Currently Amended) A moisture-permeable, waterproof material according to [any of] claim[s] 3 [- 5], wherein said polyisocyanate is an aliphatic isocyanate.
7. (Currently Amended) A moisture-permeable, waterproof material according to [any of] claim[s] 1 [- 6], wherein said adhesive layer is a continuous resin layer.

8. (Currently Amended) A moisture-permeable, waterproof material according to [any of] claim[s] 1 [- 7], wherein said moisture-permeable, water-resistant layer is a continuous resin layer containing polyurethane as main component.

9. (Original) A method for producing a moisture-permeable, waterproof material comprising the following steps: coating a moisture-permeable, water-resistant layer with a water-swelling adhesive layer, the latter being the outermost, to form film; and pressure-bonding a fibrous structural material pre-treated with a pre-treating agent containing a polyhydric compound as main component to said water-swelling adhesive layer, thereby adhering said fibrous structural material and said water-swelling adhesive layer together.

10. (Original) A method according to claim 9, wherein said pre-treatment is achieved by impregnating an aqueous solution of said pre-treating agent into said fibrous structural material, followed by heat-treatment for fixation.

11. (Original) A method according to claim 9 or 10, wherein said pre-treatment is achieved by allowing said pre-treating agent to be completely absorbed and fixed in said fibrous structural material in a bath.

12. (New) A moisture-permeable, waterproof material comprising:
a moisture-permeable, water-resistant layer,
a fibrous structural material,
a pre-treating agent containing a polyhydric compound as a main component coated onto fibers forming said fibrous structural material, and

a water-swellaable adhesive layer interposed between said moisture-permeable, water-resistant layer and said fibrous structural material adhere said moisture-permeable, water-resistant layer and said fibrous structural material together.

13. (New) The moisture-permeable, waterproof material according to claim 12, wherein said pre-treating agent is a resin containing a phenol resin derivative as main component.

14. (New) The moisture-permeable, waterproof material according to claim 12, wherein said water-swellaable adhesive layer comprises a mixture of a water-swellaable polyurethane and a polyhydric alcohol derivative, and is crosslinked with a polyisocyanate.

15. (New) The moisture-permeable, waterproof material according to claim 14, wherein the ratio of the number of ethylene glycol units constituting polyethylene glycol in the polyol to the number of isocyanate units constituting said moisture-permeable, waterproof polyurethane, is not less than 20 and less than 30.

16. (New) The moisture-permeable, waterproof material according to claim 14, wherein said polyhydric alcohol derivative is a glycerol derivative.

17. (New) The moisture-permeable, waterproof material according to claim 14, wherein said polyisocyanate is an aliphatic isocyanate.

18. (New) The moisture-permeable, waterproof material according to claim 12, wherein said adhesive layer is a continuous resin layer.

19. (New) The moisture-permeable, waterproof material according to claim 12, wherein said moisture-permeable, water-resistant layer is a continuous resin layer containing polyurethane as a main component.